

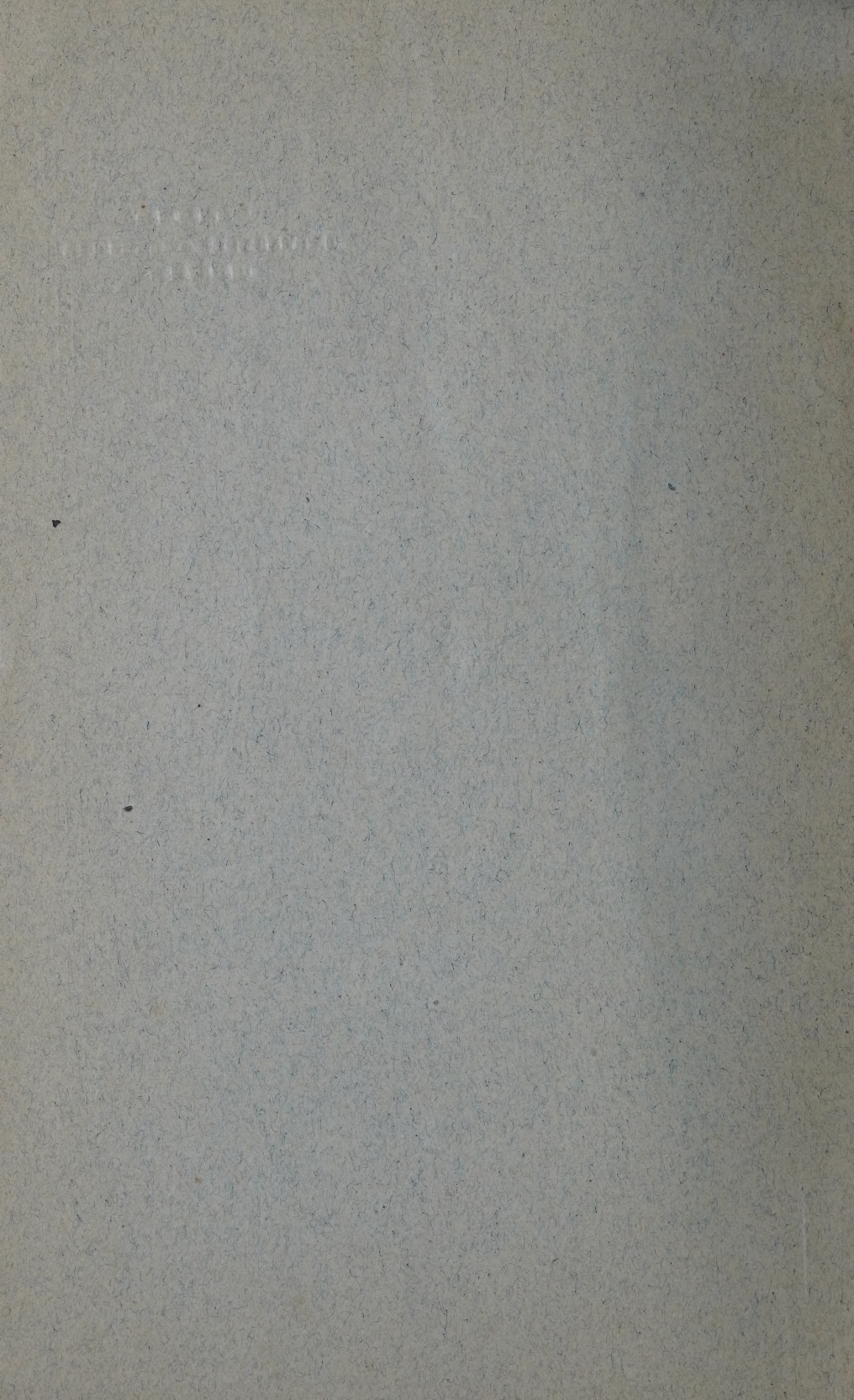
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ANNUAL REPORT
OF THE
RIPARIAN COMMISSIONERS
OF THE
STATE OF NEW JERSEY,
WITH ACCOMPANYING DOCUMENTS,
FOR THE YEAR 1879.



TRENTON, N. J.:
WM. S. SHARP, PRINTER AND STEREOTYPYER.
1879.



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N46

1878/79

RIPARIAN COMMISSIONERS.

FRANCIS S. LATHROP,	. . .	Madison.
BENNINGTON F. RANDOLPH,	. . .	Jersey City.
THOMAS McKEEN,	. . .	Camden.
AMZI DODD,	. . .	Newark.

1888
1889
1890

RUSSIAN COMMISSIONERS

BRADY, E. L.	BRADY, E. L.
BRADY, E. L.	BRADY, E. L.
BRADY, E. L.	BRADY, E. L.
BRADY, E. L.	BRADY, E. L.
BRADY, E. L.	BRADY, E. L.

REPORT.

To his Excellency George B. McClellan, Governor of the State of New Jersey :

The Commissioners appointed under the act approved March 31st, 1869, entitled, "Supplement to an act entitled 'An act to ascertain the rights of the State and of riparian owners in the lands lying under the waters of the Bay of New York and elsewhere, in this State,'" approved April 11th, 1864, respectfully present their annual report.

The business year of the Commissioners, in former reports, has begun with the month of December, and ended with the following November. In order that a longer time may intervene between the submission of their reports to the Governor and the meeting of the Legislature, it has been thought best, hereafter, to begin their business year with November, and end with October. In consequence of this change, the period covered by this report is that of eleven months, instead of twelve. It is, however, larger in amount than that of any full year since 1875. It amounts, in the aggregate, to the sum of \$154,587.31, and is classified as follows :

For grants of the fee during said period.....	\$41,015 05
For leases made during said period, reserving as rental the yearly interest on the principal sums for which the lessees are entitled by the terms of the lease to purchase the fee.....	62,669 43
Amount received during the year by the State on leases heretofore made, to November 1st, 1879....	50,902 83
Total.....	<u>\$154,587 31</u>

The particulars of the above leases and grants—that is to say, the persons to whom they are made, the stipulated price and the tide-waters under which the premises lie—are exhibited in the report to the Commissioners by the Engineer, Robert C. Bacot, Esq., which is submitted herewith.

The increase of leases and grants, to which reference has been made, is due, in part, doubtless, to the opening of more prosperous times, as well as to the growing disposition of riparian owners to

purchase the tide-water lands of the State. Such purchases are not now confined to localities suited to the erection of wharves or piers, but have begun to be made with a view to the advantages to land-owners adjacent to tide-waters derivable from the ownership and control of the shore—that is, of the space between high and low water marks. This is observable, from the purchases of the shore of the Atlantic ocean, shown in the schedule annexed. The occupancy, for purposes of building and residence, now rapidly taking place along the Atlantic and its inlets or bays, makes the ownership and control of the shore important to the riparian owners, and gives it a value which otherwise it would not possess. Since our last report, maps have been made, showing the exterior lines to which leases or grants in fee extend at Sea Girt and at Asbury Park, both being on the Atlantic coast, in the county of Monmouth; also maps, showing these exterior lines at Keyport and along the Delaware river, between Cooper's Point and Cooper's Creek, in the city of Camden.

Attention is invited to Appendix A, to the Engineer's report, accompanying this. In this appendix is a list of the maps accompanying the report of the Commissioners, made in 1865, and also of all subsequent maps made to this date. They are all filed in the office of the Secretary of State. Copies of most of them can be procured by riparian owners and others interested, if application be made to the Engineer. It is also proper to say that the Commissioners and the Engineer are prepared to furnish to parties desiring it, any other information or facilities for acquiring it, respecting the rights of riparian owners, and the rights of the State. In preceding reports the judicial decisions and the acts of the Legislature settling and explaining these rights, have been fully set forth; copies have been distributed, when applied for, and may still be supplied.

The aggregate amount of all grants in fee, of lands under water, made from April, 1864, to November 1st, 1875, is \$1,306,268.25.

The aggregate amount of principal sums for leases of lands under water, made during the same time, is \$911,931.52.

The particulars of these leases and grants, viz., their date, to whom made, locality and amount of consideration, are severally shown in the abstracts or schedules in the accompanying report of the Engineer.

In preceding reports the Commissioners have spoken of the unsatisfactory operation of the act respecting wharves, approved March 18th, 1851, and the expediency of its repeal; also of Legislative enactments looking to the development of the public oyster lands, and the encouragement, under the management of private owners, of this most important and promising branch of the industry and wealth of the State.

They would respectfully refer to their previous suggestions on these subjects, and express their conviction, strengthened by each year's observation and experience, that the matters referred to are eminently entitled to the consideration and action of the Legislature.

Respectfully submitted.

F. S. LATHROP,
BENNINGTON F. RANDOLPH,
THOS. McKEEN,
AMZI DODD,

Commissioners.

TRENTON, November 10th, 1879.

ENGINEER'S REPORT.

To the Riparian Commissioners of the State of New Jersey :

GENTLEMEN:—Grants and leases for lands under water in the State, made since December 1st, 1878, have been as follows :

GRANTS IN FEE.

To John Hunter, Atlantic Ocean.....	\$175 00
" Cooke & McCord, Arthur Kill Sound.....	400 00
" Bliss & Borden, Navesink River.....	500 00
" Caroline H. Meeker, Navesink River.....	400 00
" Charles P. Foote, " ".....	74 63
" John W. Stout, " ".....	110 00
" B. N. Hartshorne, " ".....	132 16
" Thos. H. Leonard, Raritan Bay.....	50 00
" Farr & Heckman, Delaware River.....	1,899 00
" H. J. Lamarche, Navesink River.....	300 00
" Cooke & McCord, Arthur Kill.....	200 00
" Wm. J. Quinlan, Raritan Bay.....	150 00
" Jas. Butterworth & Sons, Passaic River.....	265 00
" Thomas White, Kill Von Kull.....	6,000 00
" Charles Guidet, Hudson River.....	14,306 25
" Martha J. Mount, Atlantic Ocean.....	100 00
" The United New Jersey Railroad and Canal Company, Hudson River	14,000 00
" Congress Hall Hotel Company, Atlantic Ocean	398 06
" William King, Atlantic Ocean.....	60 10
" Ellen C. Wright, " ".....	125 00
" To Samuel Allinson, Treasurer, Assiscunck Creek.....	24 37
" Jane Fortescue, Atlantic Ocean.....	200 00
" John Wright, Cooper's Creek.....	36 85
" John R. Watson, Arthur Kill and Raritan River.....	700 00
" B. Lippincott, Atlantic Ocean.....	150 00
" Mary Quigley and others, Atlantic Ocean.....	20 00
" Benjamin F. Lee, Delaware Bay.....	238 63
Grants.....	<u>\$41,015 05</u>

REPORT OF THE

LEASES.

	Principal sum.
To C. B. Reeves and others, Delaware Bay.....	\$237 60
" Jonathan Cone, " ".....	272 40
" Henry S. White, Navesink River.....	177 43
" John A. Blair, New York Bay.....	6,784 00
" Jane G. Whildin, Atlantic Ocean.....	500 00
" The Sea Grove Association, Atlantic Ocean and Delaware Bay.....	1,600 00
" The Long Branch Ocean Pier Company, Atlantic Ocean.....	598 00
" The President, Managers and Company of the Delaware and Hudson Canal Company, Hudson River.....	\$52,500 00
Leases.....	<u>\$62,669 43</u>
Total amount of grants and principal sums of leases, from December 1st, 1878, to November 1st, 1879.....	\$103,684 48
Rentals received by State Treasurer, on leases to November 1st, 1879...	25,299 67
Rental received by State Treasurer on Lease to Morris Canal and Banking Company, and to C. T. Reynolds & Co., mortgage.....	25,603 16
	<u>\$154,587 31</u>
Amount of grants.....	\$41,015 05
Add for grants to December 1st, 1878.....	1,977 50
	<u>\$42,992 55</u>
Deduct for amount deposited in Reserved Fund to November 1st, 1879,	1,953 01
Amount of grants, Treasurer's Report, November 1st, 1879.....	<u>\$41,039 54</u>

The foregoing list of grants and leases shows an increase in the business of the Commission to the amount of \$54,000 over that of the previous year, a result due to the revival of commercial and manufacturing interests throughout the country, and also to the steady demand for business accommodation near the termini of the main lines of railroad in the tide-water counties of the State, where the burthensome charges upon commerce, incident to the re-handling and re-shipment of merchandise, in places remote therefrom, are avoided.

A large proportion of the sales, it will be noticed, has been made of lands under the waters of the ocean and rivers of the State where no immediate necessity exists, or is likely to arise in the future, for building wharves or other improvements thereon of a commercial character.

Applications, however, from these localities, are increasing to a large extent, riparian owners being induced to secure the ownership and control of lands under water in front of their shores, by the moderate expense at which grants or leases therefor can be obtained from the State.

Appended is an abstract of all grants and leases of lands under water which have been made by the State, from April, 1864, to

November 1st, 1879, with the dates and localities of such grants and leases, and the amounts paid or secured to be paid to the State therefor, the aggregate amount being as follows:

For grants in fee.....	\$1,306,268 79
For leases, principal sums.....	911,931 52
Total.....	<hr/> \$2,218,200 31

REPORT OF THE

Abstract of Grants and Leases of Lands under water, made by the State of New Jersey, from April, 1864, to November 1st, 1879.

GRANTS IN FEE.

Date.	To whom made.	Locality.	County.	Amount.
April 4, 1864,	*The American Dock and Improvement Company,	New York Bay.....	Hudson.....	\$114,725 00
March 31, 1869,	*N. J. Railroad and Transportation Company.....	Harsimus Cove.....	"	500,000 00
" " "	*N. J. Railroad and Transportation Company.....	{ Hudson, Passaic, Newark Bay and Delaware River.....	Hudson, Essex, Union, Middlesex, Mercer, } Burlington	20,000 00
Dec. 31,	The Hoboken Land and Improvement Company,	Hudson River.....	Hudson.....	35,500 00
June 22, 1871,	Chas. T. Reynolds & Co	Kill Von Kull.....	"	{ Mortgage— see Leases.
January 6, 1872,	Mathiessen & Wiechers.....	Communipaw Bay.....	"	1,000 00
March 15, " "	New Jersey West Line Railroad Co.....	"	"	125,000 00
May 11, " "	Hoboken Land and Improvement Co.	Hudson River.....	"	2,250 00
Nov. 9, " "	German Transportation and A. Steam Nav. Co...	"	"	22,625 00
April 19, 1873,	Morris & Cummings.....	Harsimus Cove.....	"	40 00
" 29, " "	A. V. Schenck.....	Karitan River.....	Middlesex	1,386 00
Aug. 13, " "	L. F. & A. Beckwith.....	Arthur Kill Sound.....	Union	1,000 00
Oct. 29, " "	Freeman & Titcomb.....	Harsimus Cove.....	Hudson.....	50 00
" " "	Juan C. Ribon.....	"	"	10 00
Jan. 27, 1874,	Alexander Cooper and others.....	Delaware River.....	Camden	1,815 00
" " "	Samuel B. Garretson.....	"	"	1,600 00
" " "	J. B. & W. B. Nixon.....	"	"	169 00
April 1, " "	W. J. Thompson.....	Cohansey River.....	Cumberland	760 50
" " "	American Dredging Company.....	Delaware River.....	Camden	5,200 00
" 18, " "	J. & C. Stockham.....	"	"	545 00
" " "	Alexander Cooper and others.....	"	"	1,557 00
" 28, " "	Charles Robb.....	"	"	1,629 00
May 16, " "	"	"	"	"

* By Act of Legislature.

May 29, 1874,	Wm. S. Doughton.....	Delaware River.....	Camden	350 00
" "	Henry B. Wilson.....	" "	" "	350 00
June 17, "	Samuel C. Cooper and others.....	" "	" "	4,010 00
" "	Rachel A. Baeder and others.....	" "	" "	610 00
" 30, "	Jas. Simpson and I. L. Neil.....	" "	" "	1,645 00
July " "	David S. Brown.....	" "	" "	609 00
Sept. 2, "	Jesse W. Starr.....	" "	" "	1,326 00
" 28, "	John T. Allen.....	North Shrewsbury River.....	Monmouth.....	97 00
" "	John S. Applegate.....	" "	" "	71 00
" "	M. H. Sneed.....	" "	" "	48 00
" "	Elias Pitcher.....	" "	" "	64 00
" "	Joseph S. Applegate.....	" "	" "	53 00
" "	J. A. Throckmorton	" "	" "	124 00
" "	Charles Hubbard	" "	" "	48 00
" "	Mathew White.....	" "	" "	97 00
" "	William Applegate	" "	" "	73 00
Nov. 12, "	Central Railroad Company of New Jersey.....	{ New York Bay and Road Cross- ing.....	Hudson, Union, Es- sex, Middlesex. }	313,649 32
Dec. 19, "	City of Camden.....	Delaware River.....	Camden	120 00
Feb. 23, 1875,	William Summerill and others.....	Salem Creek.....	Salem.....	5 00
March 30, "	M. C. Cope, Trustee.....	Delaware River.....	Camden	1,586 04
" "	M. C. Cope.....	" "	" "	3,774 04
" "	Mary A. C. Morris.....	" "	" "	3,885 83
" "	James Manderson.....	" "	" "	3,170 00
April 24, "	Jane F. Dodd.....	South Shrewsbury River.....	Monmouth.....	150 00
May 22, "	Andrew and Jas. Manderson.....	Delaware River.....	Camden	8,693 50
June 12, "	Charles B. Coles.....	" "	" "	691 67
" "	Delaware, Salem and Philadelphia S. Nav. Co.....	Salem Creek.....	Salem.....	104 00
" "	U. S. Fertilizing and Chemical Co.....	Cooper's Creek.....	Camden	625 00
" "	Joseph Wharton	" "	Camden	150 00
July 3, "	Peter H. Vallean	North Shrewsbury River.....	Monmouth.....	50 00
" "	Knickerbocker Ice Company.....	Delaware Bay.....	Cape May	102 00
" 16, "	John Cooper.....	Delaware River.....	Camden	725 00
" "	American Dredging Company.....	" "	" "	240 00
" "	Peter F. Verga.....	" "	Gloucester	380 00
August 20, "	Jonathan Powell and others.....	" "	Camden	1,365 00

REPORT OF THE

GRANTS IN FEE—Continued.

Date.	To whom made.	Locality.	County.	Amount.
Aug. 20, 1875,	Elizabeth C. Collins.....	Delaware River.....	Camden.....	\$500 00
" " "	Mary A. C. Morris.....	" ".....	" ".....	583 00
" " "	M. C. Cope.....	" ".....	" ".....	963 00
Sept. 17, "	Erick Parmley.....	North Shrewsbury River.....	Monmouth.....	1,000 00
Oct. 12, "	William P. Street, Trustee.....	Delaware River.....	Burlington.....	210 00
" " 22, "	George A. Kirkham.....	" ".....	" ".....	684 00
" " "	James Lafourcade.....	" ".....	" ".....	72 00
" " "	James Hopkins.....	" ".....	" ".....	69 00
" " "	Samuel W. De Coursey.....	" ".....	" ".....	104 00
" " "	Franklin J. Hovey.....	" ".....	" ".....	29 00
Nov. 12, "	William Carter.....	" ".....	" ".....	230 00
" " "	Sarah M. Bechtel.....	" ".....	" ".....	90 00
" " "	William B. Welling, Trustee.....	" ".....	" ".....	230 00
" " 17, "	William Wilson.....	" ".....	" ".....	120 00
" " "	Hugh Coffey.....	Maurice River.....	Cumberland.....	198 00
Feb. 1, 1876,	Morris and Essex Railroad Company.....	Harsimus Cove.....	Hudson.....	235 00
" 15, "	George E. Taylor.....	Delaware River.....	Burlington.....	230 00
April 22, "	John Wright.....	Cooper's Creek.....	Camden.....	97 00
" " "	A. A. Willets.....	Delaware River.....	Burlington.....	231 00
" " "	Walter Freeman.....	" ".....	" ".....	387 00
" 26, "	William Gladding.....	" ".....	" ".....	275 00
May 6, "	Abraham Perkins, Jr.....	" ".....	" ".....	400 00
June 17, "	Frank Skinner.....	" ".....	" ".....	30 00
" " 21, 1876,	James McIlvaine.....	Mount Holly Creek.....	Camden.....	250 00
" " "	William C. Reeves and others.....	Cooper's Creek.....	Burlington.....	158 00
" " 15, "	Joseph N. Pierson.....	Atlantic Ocean.....	Camden.....	50 00
" " "	Abraham Browning and others.....	Delaware River.....	Atlantic.....	1,055 83
Aug. " "	Abraham Browning and others.....	" ".....	" ".....	250 00
Sept. 9, "	Howard Potter.....	North Shrewsbury River.....	Monmouth.....	500 00
" " "	Lemuel Smith.....	" ".....	" ".....	225 00
Sept. 30, "	Jacob Keim.....	Atlantic Ocean.....	Atlantic.....	133 80

Oct.	21,	1876,	Pierce Archer, Jr.	Atlantic Ocean	Atlantic.	350 00
"	"	"	Joseph Wharton.	Cooper's Creek	Camden	59 00
Nov.	4,	"	Jesse W. Starr.	Delaware River	"	3,645 00
Jan.	27,	1877,	A. J. Sigier	North Shrewsbury River	Monmouth	156 79
"	"	"	John F. Starr.	Atlantic Ocean	Atlantic	150 00
Feb.	1,	"	John Weiler	Passaic River	Essex	250 00
"	10,	"	William V. Wilson	Raritan Bay	Monmouth	450 00
Mar.	"	"	Dr. Joseph Pancoast	Delaware River	Camden	1,825 00
"	"	"	Elizabeth Smith.	"	"	800 00
"	24,	"	Elizabeth Smith.	"	"	285 00
"	"	"	Alfred Walling, Jr.	Raritan Bay	Monmouth	55 37
"	"	"	George F. Lee.	Atlantic Ocean	Atlantic	200 00
"	"	"	Peter C. Cornell and others.	New York Bay	Hudson	35,200 00
"	"	"	Peter C. Cornell and others.	Hudson River	Bergen	3,100 00
May	12,	"	C. T. & H. Sharpless.	Cooper's Creek	Camden	108 75
"	"	"	R. C. Bacot.	Shrewsbury River	Monmouth	75 00
June	10,	"	Ephraim Larrabee.	Atlantic Ocean	Atlantic	150 00
"	"	"	William H. Berry.	"	"	100 00
"	30,	"	Delerhe P. Cudberly.	Delaware River	Burlington	230 00
"	"	"	Jane Fortescue.	Atlantic Ocean	Atlantic.	200 00
Sept.	1,	"	Children's Sea Shore House.	"	"	150 00
"	"	"	George Howell.	Delaware River	Camden	1,707 50
"	"	"	Pennsylvania Coal Co.	Hudson River	Hudson	16,000 00
"	20,	"	Robert V. Baldwin	Staten Island Sound	Middlesex	200 00
"	"	"	Taylor W. Walling.	Raritan Bay	Monmouth	56 35
Dec.	8,	"	H. J. Lamarche.	Navesink River	"	500 00
Feb.	2,	1878,	Charles Seidler	Hacksack River	Hudson	150 00
"	19,	"	J. H. Leedom	Atlantic Ocean	Atlantic	50 00
"	"	"	H. Van Tine.	Navesink River	Monmouth	64 00
Mar.	16,	"	J. H. Wahl.	Atlantic Ocean	Atlantic	50 00
"	25,	"	Hendrickson & Drummond.	Navesink River	Monmouth	52 50
May	13,	"	Edward C. Knight.	Atlantic Ocean	Cape May	316 00
"	27,	"	William King.	"	"	164 38
"	"	"	Victor Denizot.	"	"	78 52
"	"	"	The Mayor and Aldermen of Jersey City.	Hudson River	Hudson	10 00
"	"	"	The United States of America.	Raritan Bay	Middlesex	1 00
Aug.	17,	"	Fenaille & Despeaux.	Kill Von Kull.	Hudson.	1,750 00

REPORT OF THE

GRANTS IN FEE—Continued.

Date.	To whom made.	Locality.	County.	Amount.
Sept. 14, 1878,	N. J. Steel and Iron Co.....	Delaware River.....	Mercer.....	\$580 00
Oct. 12, " "	Emanuel Metzgar.....	Atlantic Ocean.....	".....	175 00
" " "	John Hunter.....	".....	".....	175 00
Nov. 16, " "	Cook & McCord.....	Arthur Kull Sound.....	Union.....	400 00
" " "	William King.....	Atlantic Ocean.....	Cape May.....	60 16
" " "	Bliss & Borden.....	Navasink River.....	Monmouth.....	500 00
" " "	Caroline H. Meeker.....	".....	".....	400 00
" " "	Charles P. Foote.....	".....	".....	74 63
" 30, " "	Congress Hall Hotel Co.....	Atlantic Ocean.....	Cape May.....	398 00
Jan. 11, 1879,	John W. Stout.....	Navasink River.....	Monmouth.....	110 00
" " "	D. N. Hartshorne.....	".....	".....	132 16
" " "	Thos. H. Leonard.....	Raritan Bay.....	".....	50 00
" 25, " "	Farr & Heckman.....	Delaware River.....	Camden.....	1,899 00
Feb. 8, " "	Ellen C. Wright.....	Atlantic Ocean.....	Atlantic.....	125 00
Mar. 15, " "	H. J. Lamarche.....	Navasink River.....	Monmouth.....	300 00
" 20, " "	Samuel Allinson, Treasurer.....	Assisunc Creek.....	Burlington.....	24 37
April 12, " "	B. Lippincott.....	Atlantic Ocean.....	Atlantic.....	150 00
" " "	Cooke & McCord.....	Arthur Kill.....	Union.....	200 00
May 10, " "	Wm. I. Quinlan.....	Raritan Bay.....	Monmouth.....	150 00
" " "	John Wright.....	Cooper's Creek.....	Camden.....	36 85
" " "	Jas. Butterworth & Sons.....	Passaic River.....	Passaic.....	265 00
" 31, " "	John R. Watson.....	Arthur Kill and Raritan River.....	Middlesex.....	700 00
" " "	Martha J. Mount.....	Atlantic Ocean.....	Monmouth.....	100 00
July 7, " "	Thomas White.....	Kill Von Kull.....	Hudson.....	6,065 33
" 12, " "	Charles Guidet.....	Hudson River.....	".....	14,806 97
Sept. 6, " "	Mary Quigley and others.....	Atlantic Ocean.....	Atlantic.....	20 00
" 20, " "	The United N. J. Railroad and Canal Company.....	Hudson River.....	Hudson.....	14,000 00
Oct. 4, " "	Benjamin F. Lee.....	Delaware Bay.....	Cumberland.....	238 63
Total grants.....				\$1,306,268 79

RIPARIAN COMMISSIONERS.

17

LEASES.

Date.	To whom made.	Locality.	County.	Principal Sum.
March 14, 1867,	* The Morris Canal and Banking Co.....	Hudson River.....	Hudson.....	\$357,142 00
Dec. 2, 1869,	John Meeks.....	" ".....	" ".....	66,250 00
" 23, "	Henry Dupont and others.....	" ".....	Bergen.....	5,000 00
April 18, 1871,	William E. Dodge.....	" ".....	Hudson.....	13,000 00
June 22, "	Charles T. Reynolds & Co., (mortgage).....	Kill Von Kull.....	" ".....	10,000 00
Dec. 9, "	William H. Kemp.....	Hudson River.....	" ".....	3,148 50
" 22, "	Jersey Shore Improvement Co.....	" ".....	" ".....	39,433 33
Oct. 29, 1873,	Wetmore & Phelps.....	" ".....	Bergen.....	1,550 00
" " "	Otto Kohler.....	" ".....	Hudson.....	5,355 00
" " "	J. S. Lyle and M. A. & E. P. Newcome.....	" ".....	Bergen.....	13,425 00
" " "	Henry James Anderson.....	" ".....	" ".....	2,113 33
April 1, 1874,	Sarah E. Meredith.....	Arthur Kill Sound.....	Middlesex.....	3,538 33
" 18, "	John L. Brownell.....	Hudson River.....	Bergen.....	1,950 00
" " "	John L. Brownell.....	" ".....	" ".....	22,314 00
" " "	John L. Brownell.....	" ".....	" ".....	7,200 00
" " "	William Walter Phelps.....	" ".....	" ".....	1,735 00
" " "	William Walter Phelps.....	" ".....	" ".....	1,800 00
" " "	William Walter Phelps.....	" ".....	" ".....	1,460 00
" " "	Wetmore, Dana & Phelps.....	" ".....	" ".....	3,000 00
" " "	Phelps & Coe.....	" ".....	" ".....	2,060 00
" " "	Englewood Dock and I. Co.....	" ".....	" ".....	330 00
" " "	Heirs of Robert Annett.....	" ".....	" ".....	7,860 00
" " "	Heirs of Robert Annett.....	" ".....	" ".....	10,825 00
" " "	Isaac P. Martin.....	" ".....	" ".....	3,125 00
" " "	George S. Coe.....	" ".....	" ".....	1,076 67
" " "	Graham & Dickerman.....	" ".....	" ".....	7,825 00
" " "	Cranford Kennedy.....	" ".....	" ".....	664 50
" " "	Joseph L. Van Sant.....	" ".....	" ".....	1,800 00
" 28, "	Mary F. Riley and others.....	Delaware River.....	Burlington.....	1,771 50
" " "	Joseph L. Van Sant and others.....	" ".....	" ".....	928 50

* By act of Legislature.

* By act of Legislature.

REPORT OF THE

Date.	To whom made.	Locality.	County.	Amount.
April 28, 1874.	Angeline Thompson.....	Delaware River.....	Burlington	\$750 00
" "	Charles Reeder.....	"	"	750 00
" "	Morris and Essex Railroad Company.....	Hudson River.....	Hudson	76,900 00
May 29, " "	Morris and Cummings Dredging Company.....	New York Bay.....	"	12,690 00
" "	Joseph L. Van Sant and others.....	Delaware River.....	Burlington	100 00
June 17, " "	Camden and Atlantic Railroad Company.....	"	Camden.....	1,735 00
Dec. 12, " "	Gifford J. Maxwell.....	"	"	1,000 00
" 28, " "	Manufacturers' Land and Improvement Company,	"	"	12,000 00
March 9, 1875,	Benjamin F. Woolsey.....	Kill Von Kull.....	Hudson	675 50
May 22, " "	Joseph G. Hansen.....	New York Bay.....	"	700 00
June 12, " "	John Winterburn	Hudson River.....	Bergen	1,669 00
July 16, " "	Guidet, Brown and Mencke, converted into a fee	July 12, 1879.....	"
August 20, " "	Nathaniel D. Hare.....	Newark Bay.....	Hudson	664 50
" "	Noah D. Taylor.....	New York Bay.....	"	7,275 00
Sept. 3, " "	Hazard Powder Company.....	Hudson River.....	Bergen	4,700 00
" "	Hazard Powder Company, converted into a fee	March 24, 1877.....	"
" "	Hazard Powder Company, converted into a fee	March 24, 1877.....	"
October 1, " "	National Stock Yard Company.....	Hudson River.....	Hudson	35,000 00
Dec. 27, " "	Tubular Transit Company.....	Kill Von Kull.....	"	500 00
January 8, 1876,	Richard Lloyd.....	Delaware River.....	Burlington	330 00
" 18, " "	Catharine Barrett.....	Rancocas River.....	"	425 00
Feb. 1, " "	Farr & Heckman, converted into a fee January	January 25, 1879.....	"
Sept. 30, " "	Point Breeze Ferry and Improvement Company,	New York Bay.....	Hudson.....	12,550 00
Dec. 18, " "	William B. Dana.....	Hudson River.....	"	640 00
" "	Charles H. Ward, Trustee.....	Navesink River.....	Monmouth	575 00
Jan. 27, 1877,	Adele H. Sigier.....	"	"	339 00
Feb. 24, " "	Children's S. S. House, converted into a fee Sept.	1, 1877.....	"
March 10, " "	Charles B. Gunther and others.....	New York Bay.....	Hudson	5,000 00
" "	Wilson Fitzgerald.....	Delaware River.....	Gloucester.....	2,000 00
" 27, " "	James Brady.....	Kill Von Kull.....	Hudson.....	400 00
May 12, " "	Seacaucus Iron Company.....	Hackensack River.....	"	500 00
" "	Ario Pardee.....	"	"	750 00
" "	Thomas White, converted into a fee, July 7, 1879,

RIPARIAN COMMISSIONERS.

19

June 10, 1877,	Pennsylvania Coal Company.....	Hudson River.....	Hudson.....	16,000 00
" 30, "	Manufacturers' Land and Improvement Company,	Delaware River.....	Camden.....	5,500 00
" " "	Benjamin C. Bloodgood.....	Arthur Kill Sound.....	Middlesex.....	400 00
August 1, "	Henry and M. J. Oigg.....	Rancocas River.....	Burlington.....	925 00
Sept. 29, "	Hazard Powder Company.....	Hudson River.....	Hudson.....	4,500 00
March 16, 1878,	A. A. Coykendall.....	New York Bay.....	".....	28,120 00
" " "	C. B. Reeves and others.....	Delaware Bay.....	Cape May.....	237 60
" " "	Jonathan Cone.....	".....	".....	272 40
April 8, "	Franklin Osgood.....	Kill Von Kull.....	Hudson.....	1,542 86
July 13, "	North Jersey Land Company.....	Passaic River.....	".....	514 29
Aug. 17, "	Delano Tracy and others.....	Kill Von Kull, New York Bay..	".....	8,785 71
" " "	James Binns.....	New York Bay.....	".....	3,428 57
Sept. 14, "	Smith E. Hughes.....	Delaware Bay.....	Cape May.....	551 29
Oct. 12, "	Henry S. White.....	Navesink River.....	Monmouth.....	177 43
" " "	William A. Blair.....	Delaware River.....	Burlington.....	685 71
Nov. 30, "	John A. Blair.....	New York Bay.....	Hudson.....	6,784 00
April 12, 1879,	Jane G. Whildin.....	New York Bay.....	".....	500 00
" " "	The Sea Grove Association.....	Delaware Bay.....	Cape May.....	1,600 00
May 10, "	The Long Branch Ocean Pier Company.....	Atlantic Ocean.....	Monmouth.....	598 00
Sept. 20, "	{ The President, Managers and Co. of the Dela- ware and Hudson Canal Company.....	{ Hudson River.....	Hudson.....	52,500 00
Total Leases.....				\$911,931 52

APPENDICES.

MAPS

Showing Exterior Lines for Improvements established during the Year, by the Commission, are as follows :

Map showing extension of exterior line at Keyport.

Map of Sea Girt, Monmouth county, showing exterior line.

Map of Asbury Park, Monmouth county, showing exterior line.

Map showing the extension of the exterior wharf line in the Delaware river, between Cooper's Point and Cooper's Creek, in the city of Camden, and the exterior pier line established in front thereof.

In "Appendix A" will be found a list of the several maps which accompanied the Commissioners' Report of 1865, together with those made under the direction of the present Commission, to this date, and filed in the office of the Secretary of State; and, in "Appendix B," a statement of the condition of the Reserved Fund and the payments made therefrom, to November 1st, 1879, in accordance with the act approved April 5th, 1875.

APPENDIX A.

Maps of Commissioners' Surveys of 1864, accompanying their Report, and filed in the Office of the Secretary of State.

GENERAL MAPS, VIZ.:

"A." The westerly shore of the Hudson river, from the New York State boundary line to Castle Point, at Hoboken. Scale, 1,300 feet per inch.

"B." The westerly shores of the Hudson river and New York bay, and the northerly shore of Kill Von Kull, with portions of the shores of the counties of Hudson, Essex, and Union. Scale, 1,000 feet per inch.

SECTION MAPS—SCALE, 400 FEET PER INCH, VIZ.:

No. 1. The westerly shore of the Hudson river, from the New York State boundary line to Closter Landing.

No. 2. The same, from Closter Landing to Bloomer's Dock.

No. 3. The same, from Bloomer's Dock to Fort Lee.

No. 4. The same, from Fort Lee to Bull's Ferry.

No. 5. The same, from Bull's Ferry to Castle Point, at Hoboken.

No. 6. The same, from Castle Point, at Hoboken, to the bulkhead of the Central Railroad at Jersey City.

No. 7. The westerly shore of New York bay, from the bulkhead of the Central Railroad at Jersey City, to Constable's Hook, and the northerly shore of the Kill Von Kull, from Constable's Hook to Enyard's Wharf.

No. 8. River front of the city of Camden, from Cooper's Point to Kaighn's Point.

Maps of Commissioners' Surveys from April, 1869, to November 1st, 1879, showing the External Lines established by the Commission, and filed in the Office of the Secretary of State.

- No. 1. Map of the tide water basin in Communipaw Cove.
- No. 2. Map showing changes in the exterior line for piers, from Castle Point, at Hoboken, to Thirteenth street, Jersey City.
- No. 3. Map of vacation of part of tide water basin in Communipaw Cove.
- No. 4. Map showing alteration of a portion of the exterior line for piers in New York bay, in front of lands occupied by the Central Railroad Company of New Jersey.
- No. 5. Map of Delaware river at Beverly and Edgewater.
- No. 6. Map of Cooper's creek.
- No. 7. Map showing the alteration of the exterior line for solid filling in the Hudson river between Thirteenth street, at Hoboken, and Bloomer's landing.
- No. 8. Map of the Rancocas river, in the county of Burlington.
- No. 9. Map of the Delaware river opposite the cities of Gloucester and Camden.
- No. 10. Map of the Cohansey river in the city of Bridgeton.
- No. 11. Map of Petty's or Treaty Island, in the Delaware river.
- No. 12. Map of Arthur Kill, or Staten Island Sound, from Elizabethport to the Raritan river.
- No. 13. Map of Maurice river in the county of Cumberland.
- No. 14. Map of Atlantic City, Atlantic county.
- No. 15. Map of New York bay between Cavan Point and Constable's Hook (apportionment map.)
- No. 16. Map of a portion of the Passaic river in the counties of Bergen and Passaic.
- No. 17. Map of Salem and Fenwick creeks.
- No. 18. Map of Shrewsbury river from the Highlands of Navisink to Long Branch.
- No. 19. Map of the Navesink or North Shrewsbury river at Red Bank.
- No. 20. Map of the same at Oceanic.
- No. 21. Map of Delaware river, Burlington county.
- No. 22. Map of Delaware river, Burlington city.
- No. 23. Map of Delaware river, Camden county.
- No. 24. Map of Delaware river, Gloucester county.
- No. 25. Map of Delaware river, Cumberland county.
- No. 26. Map of Newark bay, (east side,) from Morris canal to Hackensack river, and east side of Hackensack river to Penhorne's Creek.
- No. 27. Map of Arthur Kill, or Staten Island Sound, Newark and New York bays and Kill Von Kull.

No. 28. Map of Newark bay—alteration of a portion of the exterior line on the easterly shore.

No. 29. Map of ocean shore from south end of Long Branch to Highlands of Navesink.

No. 30. Map of the Raritan bay opposite Keyport, Monmouth county.

No. 31. Map of extension of parts of exterior lines on Kill Von Kull.

No. 32. Map of Navesink river at Fairhaven.

No. 33. Map of extension of parts of exterior lines on New York bay at Constable's Hook.

No. 34. Map of Raritan bay from the mouth of Shrewsbury river to South Amboy.

No. 35. Map of extension of exterior pier line at Keyport.

No. 36. Map of Sea Girt, with exterior line.

No. 37. Map of Asbury Park, with exterior line.

No. 38. Map of extension of part of wharf line in Delaware river at Camden, and pier line.

APPENDIX B.

Statement of amount reserved by the Riparian Commission from Grants and Leases of lands under water (as authorized by Act approved April 5th, 1875,) from December 1st, 1878, to November 1st, 1879, and payments made therefrom.

DR.		
To balance December 1st, 1878.....		\$5,839 26
" interest received on balances to December 31st, 1878.....		217 83
" temporary advances returned to fund.....		3,750 00
" reservation at $1\frac{1}{2}$ per cent. on amount (\$103,684.48) of Grants and Leases, (Dec. 1st, 1878, to November 1st, 1879,).....		1,953 01
		\$11,760 10
CR.		Voucher.
By surveys, maps, and incidental expenses, December 1st, 1878, (1)		\$298 61
" " " " " to Jan. 1st, 1879..... (2)		220 43
" balance of Engineer's and Secretary's salaries, to April 1st, 1879..... (3)		561 96
" surveys, maps and incidental expenses to June 30th, 1879..... (4)		415 48
" " " " " Sept. 30th, " (5)		389 13
Total expenses paid from fund.....		\$1,885 61
By amount temporarily advanced for general expenses.....		3,750 00
By balance in Camden Safe Deposit and Trust Company.....	\$6,113 90	
" " in Trenton Banking Company.....	10 59	
		6,124 49
		\$11,760 10

November 1st, 1879.

R. C. BACOT,
Secretary and Engineer.

DIRECTIONS AS TO APPLICATION FOR LANDS.

RIPIARIAN COMMISSION OF THE STATE OF NEW JERSEY.

Applicants for lands of the State under tide-water, or which were originally under tide-water, will observe the following directions :

First.—Furnish a description by metes and bounds of the land owned by the applicant in front of which the lands applied for lie, with a survey and map of the same, made by a competent surveyor, showing the exact frontage of said land on the shore at high water mark, and the distance out to low water mark, also the names of owners of adjoining lands.

Second.—Furnish an abstract of title to the land owned by the applicant, prepared by a practitioner of law of this State or by the clerk of the county in which the land is situated.

Third.—State whether the lands applied for have been improved or are authorized to be improved under any grant or license protected by the provisions of the supplement to the Riparian Act, approved March 31st, 1869, also if any fishery, oyster ground or privilege therefor is embraced within the limits of the lands under water applied for.

Fourth.—State whether a grant in fee simple, or a lease in perpetuity, with privilege to convert the same into a fee, is desired.

NOTE.—For a grant in fee simple, the principal sum is required to be paid.

For a lease, interest at the rate of seven per cent. per annum on the principal sum is payable semi-annually to the State Treasurer.

Blank forms for applications, and all further information required, will be furnished by addressing R. C. Bacot, engineer of the commission, office Jersey City, N. J., or Thomas McKeen, Riparian Commissioner, Camden, N. J.

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REMOTE STORAGE

ANNUAL REPORT

OF THE

RIPARIAN COMMISSIONERS

OF THE

STATE OF NEW JERSEY

WITH ACCOMPANYING DOCUMENTS,

FOR THE YEAR 1878.



TRENTON, N. J.:
NAAR, DAY & NAAR, PRINTERS.

1878.



RARITAN BAY

Showing the EXTERIOR LINES established thereon

Adopted by the

RIPARIA COMMISSIONERS OF N.J.

1878.

R.C. Bacot, Engineer.

Scale 1/10,000.

Miller's Lithog. 137 Broadway, N.Y.

ANNUAL REPORT

OF THE

RIPARIAN COMMISSIONERS

OF THE

STATE OF NEW JERSEY

WITH ACCOMPANYING DOCUMENTS,

FOR THE YEAR 1878.

TRENTON, N. J.:
NAAR, DAY & NAAR, PRINTERS.
1878.

639

N46

1877/78

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RIPARIAN COMMISSIONERS.

FRANCIS S. LATHROP, MADISON.

BENNINGTON F. RANDOLPH, JERSEY CITY.

THOMAS McKEEN, CAMDEN.

AMZI DODD, NEWARK.

REPORT.

To His Excellency George B. McClellan, Governor of the State of New Jersey :

The Commissioners appointed under the act approved March 31, 1869, entitled "Supplement to an act entitled 'An act to ascertain the rights of the State, and of riparian owners in the lands lying under the waters of the Bay of New York and elsewhere, in this State,'" approved April 11, 1864, respectfully present their annual report.

From December 1, 1877, to December 1, 1878, the riparian business of the State has amounted, in the aggregate, to the sum of \$100,143.28, as shown under the following heads:

For grants of the fee during the year.....	\$5,933 90
For leases made during the year, reserving as rental the yearly interest on the principal sums, for which the lessees are entitled by the terms of the lease, to purchase the fee.....	43,805 86
Amount received during the year by the State, on leases heretofore made, to November 1, 1878.....	50,403 52
Total.....	<u>\$100,143 28</u>

The report of the Engineer to the Commissioners, covering the details of the year's business, states the particulars of each of the leases and grants, and the items which the above heads include. His report is annexed hereto.

Among the grants in fee, are two made by the State to the General Government, one of about eight acres for a light-house in Raritan Bay, near Perth Amboy, and one of lands under water in front of the light-house at Atlantic City, where, by the action of the waves, encroachments have been made upon the shore since 1852, of over fifteen hundred feet. The grant at this place was for the construction of jetties to arrest the encroachments.

Appended to his report are copies of two new maps, made during the year, and filed in the office of the Secretary of State. One of a portion of the southerly shore of Navesink river, between Red Bank and Oceanic, supplementing the maps of 1873,

ENGINEER'S REPORT.

To the Riparian Commissioners of the State of New Jersey :

GENTLEMEN :—Grants and leases for lands under water in the State have been made, since December 1st last, as follows :

GRANTS IN FEE.

To George Howell,	Delaware River,	\$1,707 50
" H. J. Lamarche,	Navesink River,	500 00
" J. H. Leedom,	Atlantic Ocean,	50 00
" Charles Seidler,	Hackensack River,	150 00
" S. H. Van Tine,	Navesink River,	64 00
" J. H. Wahl,	Atlantic Ocean,	50 00
" Hendrickson & Drummond,	Navesink River,	52 50
" Elizabeth Smith,	Delaware River,	285 00
" Edward C. Knight,	Atlantic Ocean,	316 00
" William King,	Atlantic Ocean,	164 38
" Victor Denizot,	Atlantic Ocean,	78 52
" The Mayor and Aldermen of Jersey City,	Hudson River,	10 00
" The United States of America,	Raritan Bay,	1 00
" N. J. Steel & Iron Co.,	Delaware River,	580 00
" Fenaille & Despeaux,	Kill Von Kull,	1,750 00
" Emanuel Metzgar,	Atlantic Ocean,	175 00
		<hr/> \$5,933 90

LEASES.

		Principal Sums.
To A. A. Coykendall,	New York Bay,	\$28,120 00
" Delano Tracy and others,	New York Bay & Kill Von Kull,	8,785 71
" James Burns,	New York Bay,	3,428 57
" Franklin Osgood,	Kill Von Kull,	1,542 86
" Smith E. Hughes,	Delaware Bay,	551 29
" Henry S. White,	Navesink River,	177 43
" North Jersey Land Co.,	Passaic River,	514 29
" Wm. Duly, Jr.,	Delaware River,	685 71
		<hr/> \$43,805 86

Total amount of grants and principal sums of leases.....	\$49,739 76
Rentals received by State Treasurer, to November 1st, 1878, on leases.....	24,703 52
Rentals received by State Treasurer on lease to Morris Canal & Banking Company.....	25,000 00
Lease to N. T. Reynolds & Co.....	700 00

Total for the year from Riparian sources..... \$100,143 28

December 1st, 1878.

Of the financial operations of the Commissioners for the past five years, it may be observed, that, notwithstanding the depressed condition of business and industrial pursuits which has especially marked this period, checking enterprises and improvements of a commercial character, and thereby limiting the demand for purchasing or leasing the lands of the State under water, the receipts by the State from riparian sources for the time stated, from grants in fee and in the principal sums of leases and rentals thereon, show an aggregate amount of one million and fifty-seven thousand dollars. Of the most valuable of the lands of the State under water, extending for a distance of thirty miles along the shore of the Hudson river, the bay of New York and the Kill Von Kull, twenty miles still remain to be granted or leased.

Besides the routine work of the office, consisting principally of surveys and preparation of maps of lands under water granted or leased by the Commission, a survey has been made of a portion of the southerly shore of the Navesink river not included in the survey of that river in 1873, and a map of the same is hereto annexed; also, a map of the southerly shore of Raritan bay, from the mouth of the Shrewsbury river, in the county of Monmouth, to South Amboy, in the county of Middlesex—the exterior lines for improvements which have been adopted for these shores are delineated upon the maps, and copies of the same have been filed in the office of the Secretary of State. Maps also have been filed in the same office, of the alteration of a portion of the exterior pier line in the Hudson river, opposite the bulkhead of the Central Railroad Company of New Jersey, and of a portion of the exterior bulkhead and pier line in Kill Von Kull and New York bay, near Constables Hook.

In pursuance of application made by the Federal Government to His Excellency the Governor, for a grant and cession of jurisdiction by the State of New Jersey of lands to be used for a site for light-house purposes in Raritan bay, an appropriation for building the same having been made at the last session of Congress, a survey and description of the lands selected by the light house board for this purpose was made by direction of the Governor, and a grant of this site—embracing a circular piece of land of eight and eighty-three hundredths acres on the southeastern extremity of the shoal known as the "Great Beds," at the

intersection of the Raritan bay Perth Amboy channels—was executed and delivered to the authorities of the United States, as authorized in the act approved March 16th, 1875. A grant has also been made to the Federal Government by the State, for the lands under water in front of the lighthouse and adjacent property at Atlantic City, in the county of Atlantic, for the purpose of constructing jetties and other works thereon, for protection against the encroachments of the sea, it having gained upon this part of the coast over 1,500 feet between the years 1852 and 1876, as shown by the surveys of the highwater line made during those years, and rendering immediate action necessary to arrest the destruction of valuable public and private property in this locality. The positions of the highwater line, by the surveys made at the times above mentioned, are shown on the map of Atlantic City, hereto annexed.

Apprehension continues to be felt of the injurious effects likely to ensue to the future commercial usefulness of the bay and harbor of New York, by the deposit of dredgings of mud, street refuse and garbage, near the main channel of the bar in the vicinity of Sandy Hook. By the daily action of the tides, to and from the sea, these materials have been frequently found deposited upon the shoals and bars at the entrances of the harbor, and the lighter and most offensive of these deposits have been also thrown by the tides upon the shores of our coast, to the discomfiture of the large population residing thereon. During the past summer this annoyance and danger to the health of citizens of this State has been experienced along the coast, from the Highlands of Navesink southerly to and beyond Long Branch. No efficient measures have as yet been devised to arrest this criminal practice, and further legislative enactments, with more severe penalties, against the continuance of this offence, seem necessary on the part of the authorities of the State of New York, the citizens of that State having been, as far as discovered, the persons chargeable with these misdemeanors.

The Legislature of this State has prohibited the deposits of such materials in the waters of the Hudson river and fixed penalties therefor, by an act approved March 9th, 1877, and by the act approved March 27th, 1878, a similar provision has been made with like penalties for the protection of the waters of the Delaware river.

It is suggested that the provisions and penalties contained in these acts be extended by further legislation so as to apply to all the navigable waters of the State.

Copies of the acts above referred to will be found appended.

The appropriations made by Congress at its last session (June, 1878) for improving the navigable waters in this State are as follows:

12 REPORT OF THE RIPARIAN COMMISSIONERS.

For the improvement of the Passaic river.....	\$10,000 00
For the improvement of Staten Island sound.....	15,000 00
For the improvement of the Raritan river.....	200,000 00
For the improvement of the north and south branches of Shrewsbury river.....	18,000 00
For removing obstructions in the Delaware river at the mouth of Salem river.....	3,000 00
For the improvement of the Delaware river, below Bridesburgh.....	100,000 00
For the improvement of Cohansey creek, in the county of Cumberland.....	5,000 00

Authority is also given to the Secretary of War to cause examinations or surveys, or both, to be made of the following waters in this State, viz.:

Of Elizabeth river, in the county of Union.

Of Rahway river, in the county of Union.

Of Woodbridge creek, in the county of Middlesex.

Of Manasquan river, in the county of Monmouth.

Of Delaware river, below League Island.

Considering the amount and value of the commerce annually transacted at the ports of Jersey City and Hoboken, (but entirely credited to the customs district of the port of New York, with which these ports are united,) and the vast and varied industries located on the westerly shores of the harbor, and on the tide-water counties of Essex, Union, Middlesex and Passaic, (some data relative to which have been collected and appended to this report,) the appropriations made are fully justified by the amount of revenue annually derived by the Federal Government from the commerce actually transacted upon the territory of the State; and especial attention is directed to the propriety of surveys and examinations of, and further liberal appropriations by Congress in the future, for the improvement of the Passaic and Hackensack rivers, Newark bay, Kill Von Kull and Staten Island sound, streams forming the important highways of the vast domestic trade and industries of the eastern tide-water counties of the State.

In view of the important changes and improvements which have taken place on large portions of the shore-fronts of the Hudson river, bay of New York and Kill Von Kull and also along the shores of the counties of Hudson, Essex and Union since the survey and map entitled, "General Map B," of the Riparian Commissioners of 1865—a survey and map of these shores is much needed—it is proposed to devote all available time during the coming season, that the regular duties of the office will allow, to the survey and preparation of a corrected map of this territory.

Respectfully submitted,

R. C. BACOT,
Sec'y and Eng'r.

APPENDICES.

Appendix.

Showing the amount reserved by the Riparian Commission from receipts from grants and leases of lands under water and payments made therefrom to December 1st, 1878:

	DR.	
To balance December 1st, 1877.....	\$7,328 95	
To interest received on balances	\$136 44	}
To advances returned to the fund.....	119 86	
	3,750 00	
	<hr/>	
To reservations on grants and leases.....	4,006 30	
	<hr/>	
	\$11,335 25	

BY PAYMENTS, VIZ :

	Vouchers.	CR.
By surveys, maps, office expenses and postage.....	1	\$395 53
By Engineer's salary, balance to April 1, 1878.....	2	599 00
By surveys, maps, office expenses and postage.....	3	383 91
By surveys, maps, office expenses and postage.....	4	367 55
		<hr/>
Total expenses paid from fund.....		\$1,745 99
By amount temporarily advanced from fund for general expenses.....	5	3,750 00
By balances in Camden S. D. & T. Co.....	\$5,828 67	
By balances in Trenton Banking Co.....	10 59	
	<hr/>	
		5,839 26
		<hr/>
		\$11,335 25

TRENTON, December 1st, 1878.

Statistics of the commerce of Jersey City, Hoboken, and adjacent points on tide-water, in Hudson county, N. J. (ports attached to the customs district of New York).

Tonnage of steam and sailing vessels employed in the import and export of merchandise from and to foreign ports, viz.:

Six lines of ocean steamers employing thirty-seven vessels, averaging 3,000 tons, with twenty arrivals and twenty departures per month,

Tonnage of sailing vessels estimated.

1,440,000 Tons.

260,000 Tons.

1,700,000 Tons.

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Of the total amount of exports and imports of the port of New York to and from foreign countries for the year (stated in the Government Report at the sum of six hundred and fifty-eight millions of dollars), the value of the cargoes of merchandise shipped from and delivered at Jersey City, Hoboken, and tide water ports in Hudson county, amounts, as nearly as can be ascertained, to the sum of two hundred millions of dollars.

Principal articles of domestic production and merchandise received for the year, by rail and canal, at Jersey City, Hoboken and places adjacent in the county of Hudson :

	Value.
Breadstuffs and grain, for the year 1877.....	\$51,448,800
Provisions—bacon, lard, tallow, butter, cheese, whiskey, alcohol, &c.....	45,300,778
Petroleum oil, crude, refined, naptha, and distillate oils—8,551,-000 barrels.....	40,123,000
Cattle, hogs and sheep, for the year—1,415,717 head.....	33,950,000
Coal, anthracite and bituminous, for the year 1877—8,000,000 tons.....	32,000,000
Tobacco.....	10,250,000
Total.....	\$213,072,578

Some of the principal industries located at Jersey City and Hoboken and in the county of Hudson and value of annual productions.

Sugar refineries.....	\$38,000,000
Beer breweries.....	765,000
Manufacturers of steel.....	700,000
Manufacturers of soap and candles.....	1,400,000
Manufacturers of paints, varnish and chemicals.....	1,500,000
Manufacturers of iron and metals, crucibles and fire-brick, machinery, potteries and glass, estimated at.....	5,000,000
	\$47,365,000

Acts in relation to the Depositing of Mud, &c., in Bays and Rivers.

An Act to prevent the deposit of mud, soil, ashes or refuse, on the New Jersey shore of the Hudson river.

SEC. 1. BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey*, That it shall be unlawful for any person or persons by means of any boats, scows or vessels, in any manner whatever to cast or cause to be cast, thrown, dumped or deposited any mud, earth, soil, ashes or refuse, rock or other solid substances or material into the water of the North or Hudson river at any point west of the line between the States of New Jersey and New York, unless the same be so deposited, dumped or placed behind a bulkhead for filling, or by the side of a bulkhead to be thrown over the same, or be so confined that no dirt or refuse can escape into the waters of said river.

SEC. 2. *And be it enacted*, That every person or persons who shall in any manner violate the provisions of this act, shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not less than twenty-five dollars nor more than fifty dollars for each and every offence as specified in section one, except where mud is dumped by scows or dredging scows, then the fine to be imposed is to be not less than fifty dollars nor more than one hundred dollars, for each and every scow load dumped into said river.

SEC. 3. *And be it enacted*, That violations of this act may be prosecuted before any justice of the peace or any court having jurisdiction of violation of ordinances in any town or city of this State where said offence shall be committed; *provided, however*, that nothing in this act shall be held to interfere with improvements made upon lands under water which have been or may be granted or leased by the riparian commissioners, or which have been granted directly by legislative act, but all such improvements shall be so made as to deposit, dump or place all filling behind a bulkhead so that no portion of such filling in shall escape on to the land under water adjoining such grantee or lessee of the riparian commissioners, or such grantee or lessee by direct legislative act.

SEC. 4. *And be it enacted*, That this act shall be deemed a public act and shall take effect immediately.

Approved March 9th, 1877.

18 . REPORT OF THE RIPARIAN COMMISSIONERS.

An Act to prevent the deposit of mud, earth, soil, ashes or refuse on the New Jersey shore of the Delaware river and protect the docks and shipping intereststherein.

SEC. 1. BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey*, That it shall be unlawful for any person or persons, by means of any boats, scows or vessels in any manner whatever, to cast or cause to be cast, thrown, dumped or deposited, any mud, earth, soil, ashes or refuse, rock or other solid substance or material into the waters of the Delaware river at any point east of the line between the States of New Jersey and Pennsylvania, between the southerly boundary line of the city of Bordentown, where the same strikes the line of the Delaware river, unless the same be so deposited, dumped or placed within a bulkhead for filling, or by the side of a bulkhead, to be thrown over the same or to be so confined that no dirt or refuse can escape into the waters of said river.

SEC. 2. *And be it enacted*, That every person or persons who shall in any manner violate the provisions of this act shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not less than twenty-five dollars nor more than fifty dollars for each and every offence, as specified in section one; except where mud is dumped by mud scows or dredging scows, then the fine to be imposed is to be not less than fifty dollars nor more than one hundred dollars for each and every scow load dumped into the river.

SEC. 3. *And be it enacted*, That violations of this act may be prosecuted before any justice of the peace or any court having jurisdiction of violations of ordinances in any town or city of this state where said offence shall be committed; *provided, however*, that nothing in this act shall be held to interfere with improvements made upon lands under water, which have been or may be granted or leased by the riparian commissioners or which have been granted directly by legislative act, but all such improvements shall be made so as to deposit, dump or place all filling behind a bulkhead so that no portion of such filling in shall escape on to the lands under water adjoining such grantee or lessee of the riparian commissioners or such grantee or lessee by direct legislative act.

SEC. 4. *And be it enacted*, That this act shall be deemed a public act, and shall take effect immediately.

Approved March 27th, 1878.

Directions as to Application for Lands.

RIPARIAN COMMISSION OF THE STATE OF NEW JERSEY.

Application for lands of the State under tide-water, or which were originally under tide-water, will observe the following directions:

First. Furnish a description by metes and bounds of the land owned by the applicant in front of which the lands applied for lie, with a survey and map of the same, made by a competent surveyor, showing the exact frontage of said land on the shore at high water mark, and the distance out to low water mark ; also the names of owners of adjoining lands.

Second. Furnish an abstract of title to the land owned by the applicant, prepared by a practitioner of law of this State, or by the clerk of the county in which the land is situated.

Third. State whether the lands applied for have been improved, or are authorized to be improved under any grant or license protected by the provisions of the supplement to the Riparian Act approved March 31st, 1869, also if any fishery, oyster ground or privilege therefor, is embraced within the limits of the lands under water applied for.

Fourth. State whether a grant in fee simple, or a lease in perpetuity, with privilege to convert the same into a fee, is desired.

NOTE.—For a grant in fee simple, the principal sum is required to be paid. For a lease, interest at the rate of seven per cent. per annum on the principal sum is payable semi-annually to the State Treasurer.

Blank forms for applications, and all further information required, will be furnished by addressing R. C. Bacot, engineer of the commission, office, Jersey City, N. J., or Thomas McKeen, Riparian Commissioner, Camden, N. J.

NAVESINK OR NORTH SHREWSBURY RIVER

NAVESINK
OR
NORTH SHREWSBURY RIVER.
MONMOUTH COUNTY, N.J.

FAIRHAVEN.

Oct. 1878.

Scale = 5000

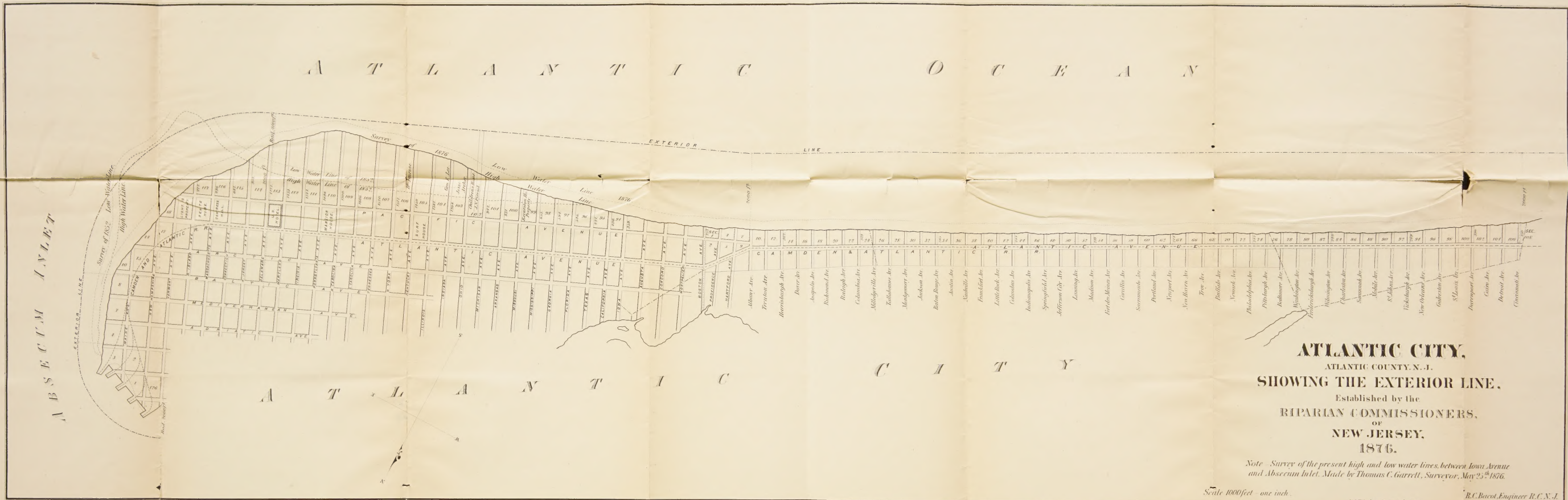


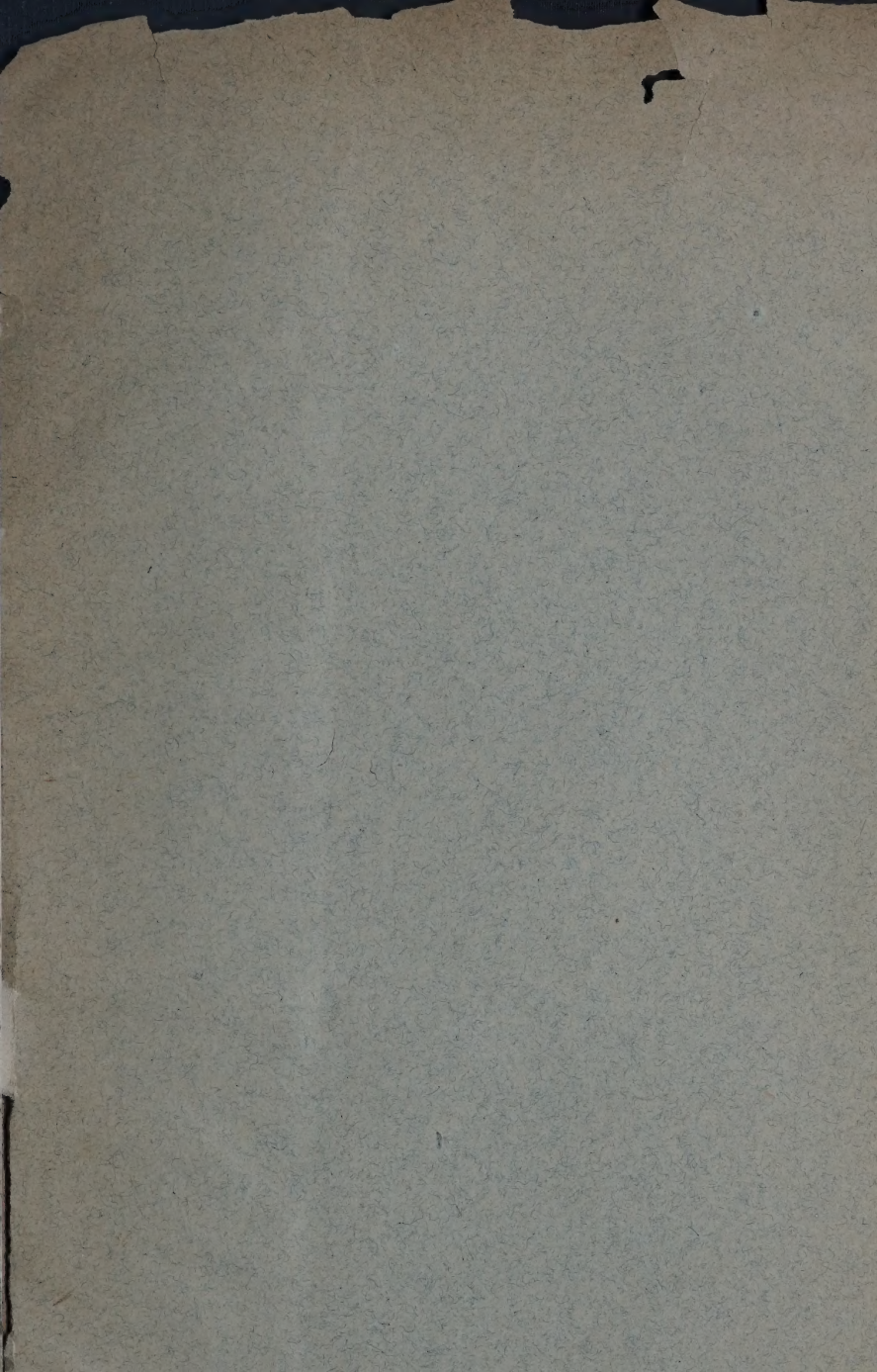
TO RED BANK.

FAIR HAVEN

TO OCEANIC

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